

WEST

Help

Logout

Interrupt

Main Menu

Search Form

Posting Counts

Show S Numbers

Edit S Numbers

Preferences

updated
8/01
VSP

Search Results -

Terms	Documents
l8 and passive.clm.	0

Database: US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Refine Search: l8 and passive.clm. Clear

Search History

Today's Date: 8/7/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
PGPB,JPAB,EPAB,DWPI	l8 and passive.clm.	0	<u>L9</u>
PGPB,JPAB,EPAB,DWPI	(intimin or invasin).ti,ab,clm.	35	<u>L8</u>
USPT	l6 and (intimin or invasin)	0	<u>L7</u>
USPT	passive.clm. and (cow or calf or chick or chicken or young or newborn or yearling or nursing or piglet)	446	<u>L6</u>
USPT	invasin.ti,ab,clm.	11	<u>L5</u>
USPT	intimin.ab.	2	<u>L4</u>
USPT	intimin.clm.	1	<u>L3</u>
USPT	intimin.ti.	2	<u>L2</u>
USPT	intimin.ti.	2	<u>L1</u>

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
(intimin or invasin).ti,ab,clm.	35

Database:
 US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Refine Search:

(intimin or invasin).ti,ab,clm.

[Clear](#)**Search History**

Today's Date: 8/7/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
PGPB,JPAB,EPAB,DWPI	(intimin or invasin).ti,ab,clm.	35	L8
USPT	16 and (intimin or invasin)	0	L7
USPT	passive.clm. and (cow or calf or chick or chicken or young or newborn or yearling or nursing or piglet)	446	L6
USPT	invasin.ti,ab,clm.	11	L5
USPT	intimin.ab.	2	L4
USPT	intimin.clm.	1	L3
USPT	intimin.ti.	2	L2
USPT	intimin.ti.	2	L1

WEST

Generate Collection

L8: Entry 5 of 35

File: EPAB

Oct 30, 1997

PUB-NO: WO009740177A1

DOCUMENT-IDENTIFIER: WO 9740177 A1

TITLE: METHOD OF STIMULATING AN IMMUNE RESPONSE BY ADMINISTRATION OF HOST ORGANISMS THAT EXPRESS INTIMIN ALONE OR AS A FUSION PROTEIN WITH ONE OR MORE OTHER ANTIGENS

PUBN-DATE: October 30, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

STEWART, CHARLES N

N/A

MCKEE, MARIAN L

N/A

O'BRIEN, ALISON D

N/A

WACHTEL, MARIAN R

N/A

ASSIGNEE-INFORMATION:

NAME

COUNTRY

HENRY M JACKSON FOUNDATION FOR

US

APPL-NO: US09705831

APPL-DATE: April 18, 1997

PRIORITY-DATA:

INT-CL (IPC): C12N 15/82; C12N 15/31; A61K 38/16; A61K 39/108; A61K 39/02; A01H 5/10; C12N 5/10

ABSTRACT:

CHG DATE=19990617 STATUS=O>This invention satisfies needs in the art by providing intimin, the Enterohemorrhagic Escherichia coli (EHEC) adherence protein, alone or as a fusion protein with one or more other antigens, expressed by transgenic plants and the use of those plants as vehicles for stimulating a protective immune response against EHEC and the one or more other antigens. Various plant species are transformed to protect various animal species and also humans against EHEC, against pathogens expressing intimin-like proteins, and against pathogens expressing any of the one or more other antigens to which intimin may be fused. The eae gene encoding intimin, a functional portion thereof, or a recombination that encodes a fusion protein is put under the control of a constitutive plant promoter in a plasmid and the plasmid is introduced into plants by the type of transformation appropriate for the particular plant species. The engineered plants expressing intimin or the intimin fusion protein are then fed to animals and/or humans to elicit the production of antibodies, which protect the animals/humans against EHEC colonization and infection, and against pathogens expressing the one or more other antigens and any cross-reactive antigens. The invention may also be practiced by expressing the intimin or intimin fusion protein in other host organisms such as bacteria, yeast, and fungi.